

9th ANNUAL CAPE MAY COUNTY TRANSPORTATION INFRASTRUCTURE CONFERENCE

March 14, 2013



GARDEN STATE PARKWAY IMPROVEMENTS

**Presented by
John T. Withers, P.E., P.P.**

Supervising Engineer – Highways/Buildings Design



Infrastructure Improvements That Stimulate The Economy

<u>PROJECT DESCRIPTION</u>	<u>PROJECT COST</u>	<u>NEW JOBS</u>
• Interchange 9, 10 & 11 Grade Separation Project	\$ 100,000,000	700
• New GSP SB Bridges over Great Egg Harbor	\$ 280,000,000	1,960
• Interchange 0 Improvements (GSP – Route 109 – Ocean Drive)	\$ 8,000,000	56
• ITS Roadway Installations (8 Sites – MP 5.75 to 27.15)	<u>\$ 6,000,000</u>	<u>42</u>
	\$ 394,000,000	2,758



GARDEN STATE PARKWAY
INTERCHANGE 9, 10 AND 11
GRADE SEPARATION IMPROVEMENT PROJECT

PROJECT SCHEDULE

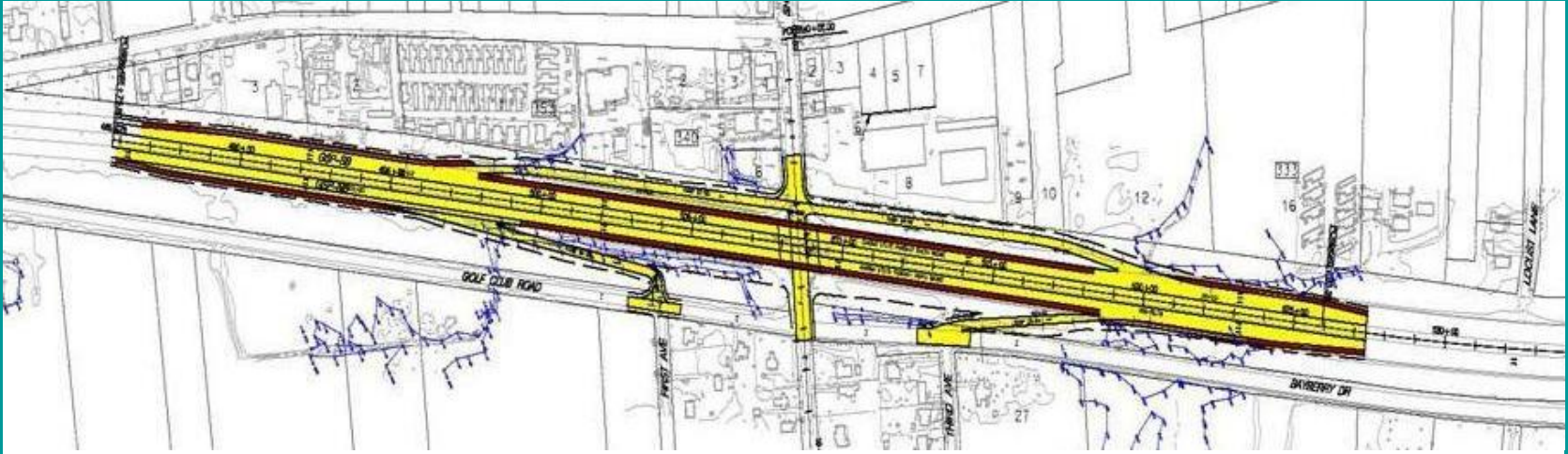
FEASIBILITY ASSESSMENT (F.A.R.)	<u>COMPLETED</u>	<i>August 2006</i>
F.A.R. REVISED (<i>Downsized Project</i>)	<u>COMPLETED</u>	<i>April 2008</i>
NEPA - SECTION 106 PROCESS	<u>COMPLETED</u>	<i>November 2010</i>
PRELIMINARY DESIGN	<u>COMPLETED</u>	<i>February 2011</i>
ENVIRONMENTAL DOCUMENT	<u>COMPLETED</u>	<i>January 2012</i>
LEGAL SUFFICIENCY APPROVAL	<u>COMPLETED</u>	<i>March 14, 2012</i>
FHWA Issue FONSI	<u>COMPLETED</u>	<i>April 25, 2012</i>
COMPLETE FINAL DESIGN	<u>COMPLETED</u>	<i>September 2012</i>
PERMIT APPROVAL	<u>COMPLETED</u>	<i>December 2012</i>
AWARD CONST. CONTRACT	<u>COMPLETED</u>	<i>December 2012</i>
BEGIN CONSTRUCTION		<i>March 2013</i>
COMPLETE CONSTRUCTION		<i>November 2015</i>



GARDEN STATE PARKWAY

INTERCHANGE 9, 10 AND 11

GRADE SEPARATION IMPROVEMENT PROJECT



BEFORE



AFTER

INTERCHANGE 9 IMPROVEMENTS at SHELL BAY AVENUE



GRADE SEPARATION IMPROVEMENT PROJECT



AFTER

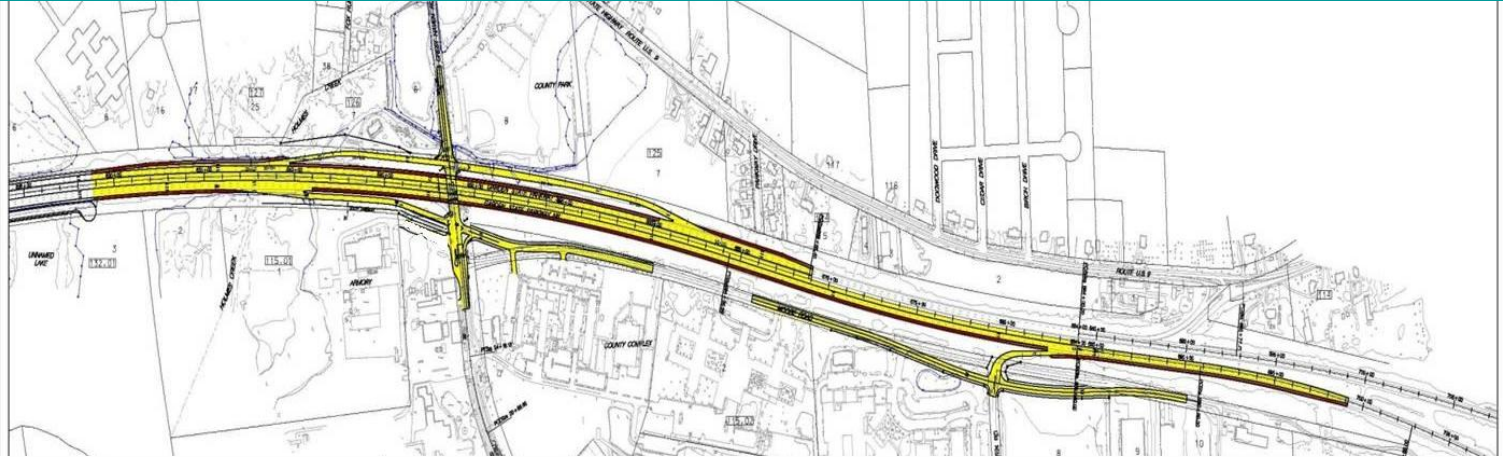
INTERCHANGE 10 IMPROVEMENTS at STONE HARBOR BLVD



GARDEN STATE PARKWAY

INTERCHANGE 9, 10 AND 11

GRADE SEPARATION IMPROVEMENT PROJECT



BEFORE



AFTER

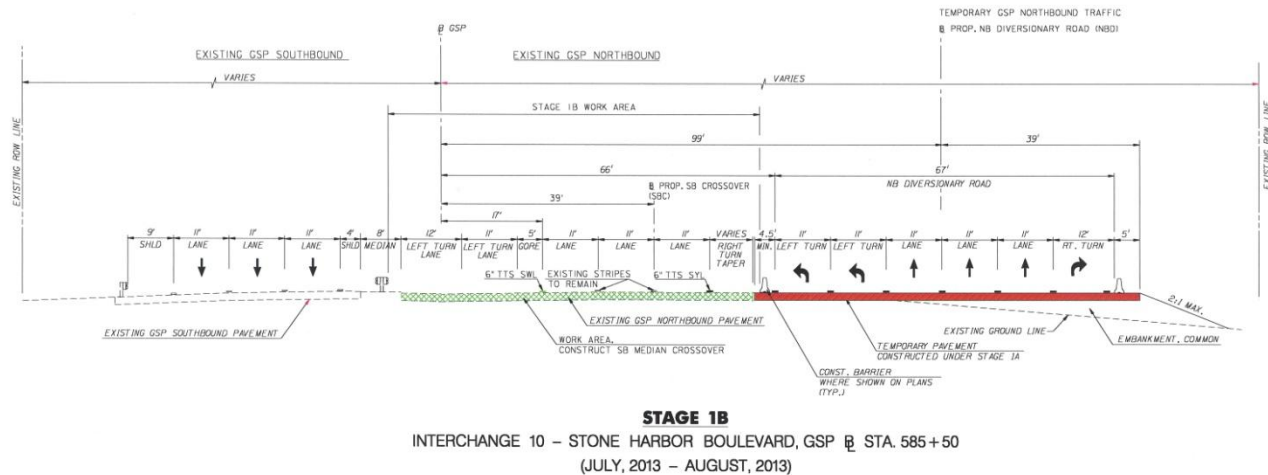
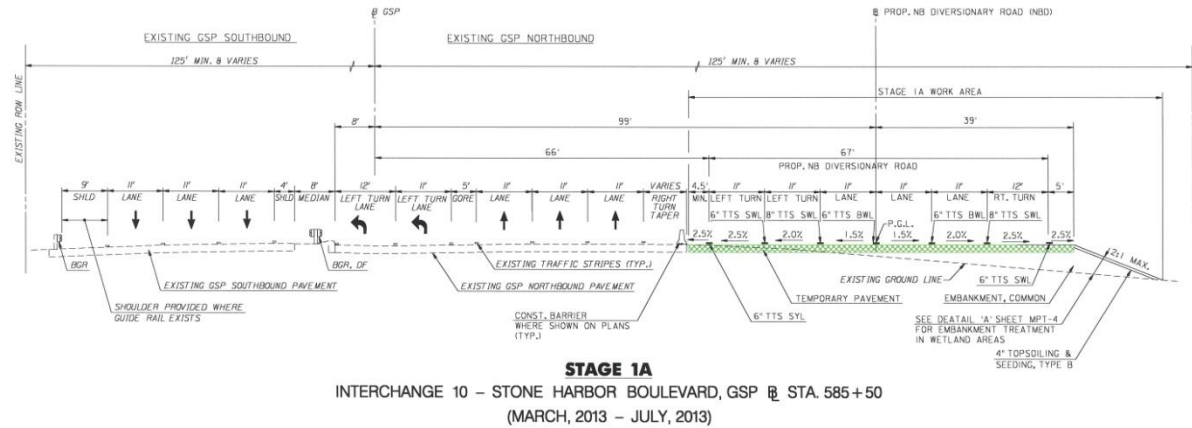
INTERCHANGE 11 IMPROVEMENTS at CREST HAVEN ROAD



GARDEN STATE PARKWAY

INTERCHANGE 9, 10 AND 11

GRADE SEPARATION IMPROVEMENT PROJECT

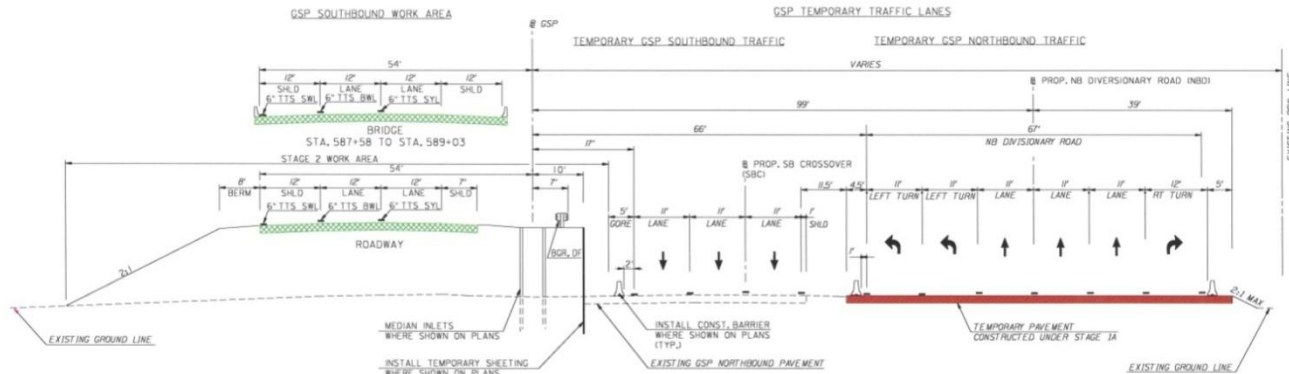


TYPICAL CONSTRUCTION STAGING at STONE HARBOR BLVD

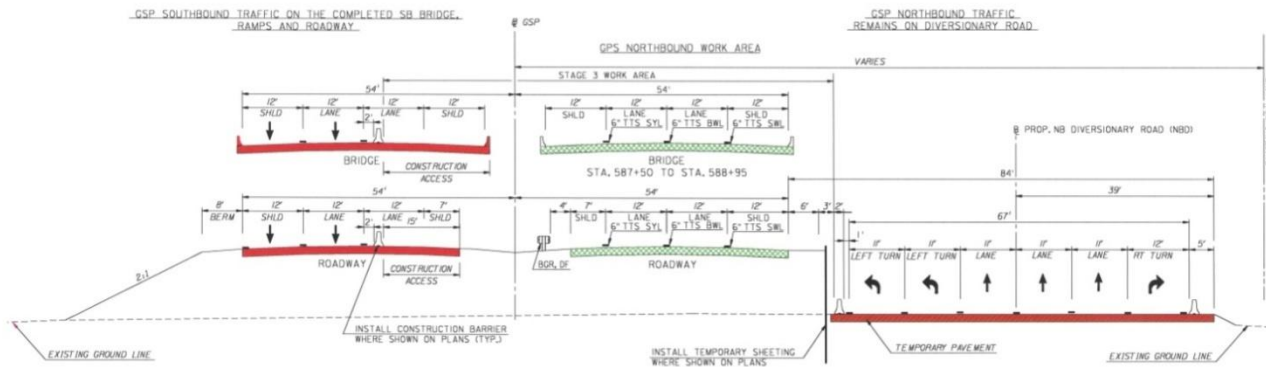
GARDEN STATE PARKWAY

INTERCHANGE 9, 10 AND 11

GRADE SEPARATION IMPROVEMENT PROJECT



STAGE 2
 INTERCHANGE 10 – STONE HARBOR BOULEVARD, GSP @ STA. 585+50
 (AUGUST, 2013 – JUNE, 2014)



STAGE 3
 INTERCHANGE 10 – STONE HARBOR BOULEVARD, GSP @ STA. 585+50
 (JUNE, 2014 – JULY, 2015)

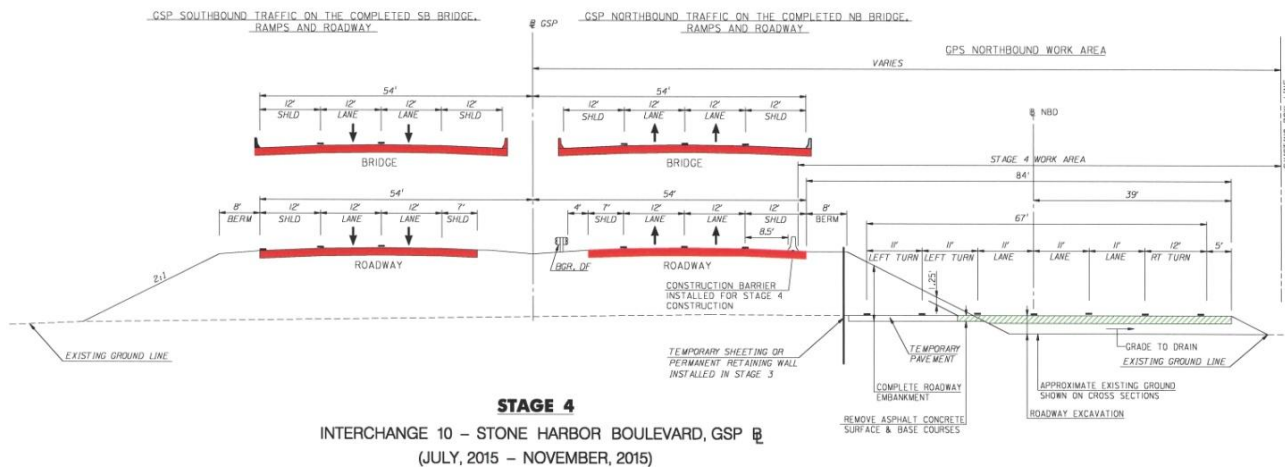


TYPICAL CONSTRUCTION STAGING at STONE HARBOR BLVD

GARDEN STATE PARKWAY

INTERCHANGE 9, 10 AND 11

GRADE SEPARATION IMPROVEMENT PROJECT



TYPICAL CONSTRUCTION STAGING at STONE HARBOR BLVD

**Replacement of GSP Southbound Bridges over Drag Channel,
Great Egg Harbor and Harbor Road**
(Bridge Nos. 28.0S & 28.5S)



Design & Permit Preparation Completed - Fall 2012

Permit Approval – April / May 2013

Award of Construction Contract – March / April 2013

Anticipated Start of Construction – 2nd Quarter 2013

Projected Completion of Construction – Mid - 2016



Replacement of GSP Southbound Bridges over Drag Channel, Great Egg Harbor and Harbor Road (Bridge Nos. 28.0S & 28.5S)

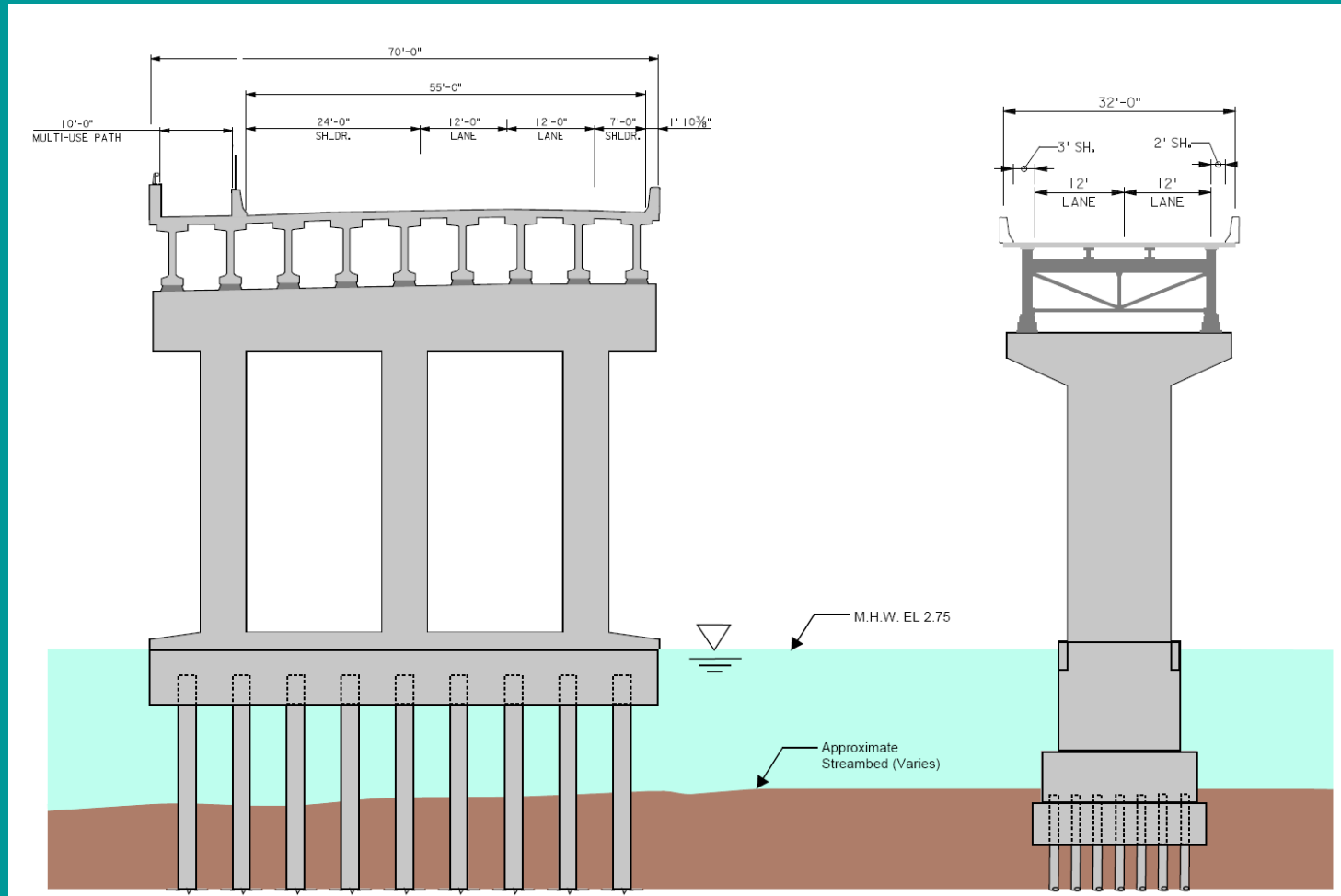
Project Includes :

- Replace GSP Southbound Bridges
- Introduce a multi-use walkway
- Demolishes the Beesley Point Bridges



Projected Completion of Construction – Mid - 2016

Replacement of GSP Southbound Bridges over Drag Channel, Great Egg Harbor and Harbor Road (Bridge Nos. 28.0S & 28.5S)



Proposed New Bridge Section



GARDEN STATE PARKWAY

INTERCHANGE 0 IMPROVEMENTS

OPERATIONAL IMPROVEMENTS AT GSP, ROUTE 109 AND OCEAN DRIVE



Award of Final Design Services - May 2013

Award of Construction Contract - July 2014

Begin Construction - September 2014

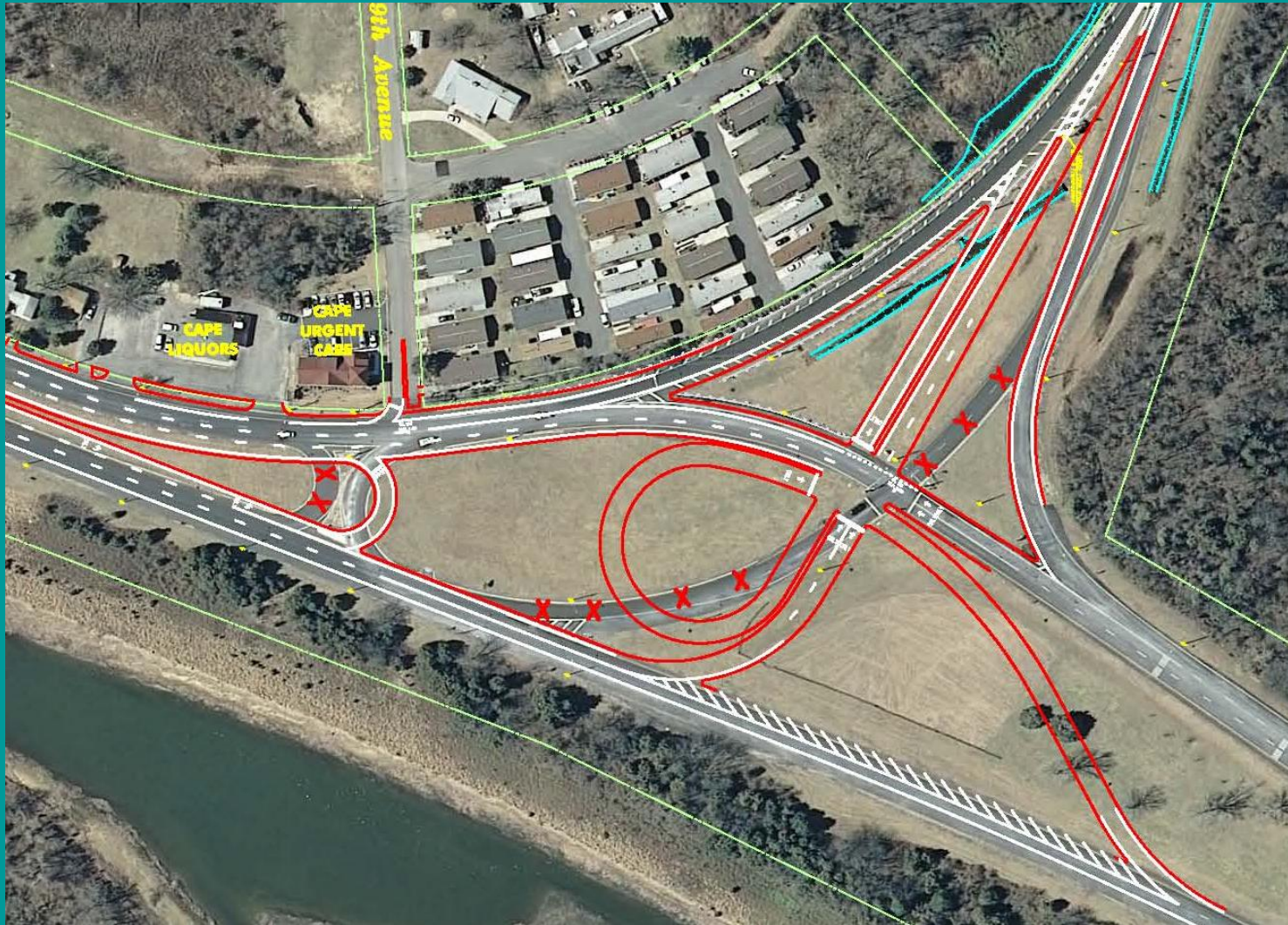
Projected Completion of Construction – Mid - 2015



GARDEN STATE PARKWAY

INTERCHANGE 0 IMPROVEMENTS

OPERATIONAL IMPROVEMENTS AT GSP, ROUTE 109 AND OCEAN DRIVE

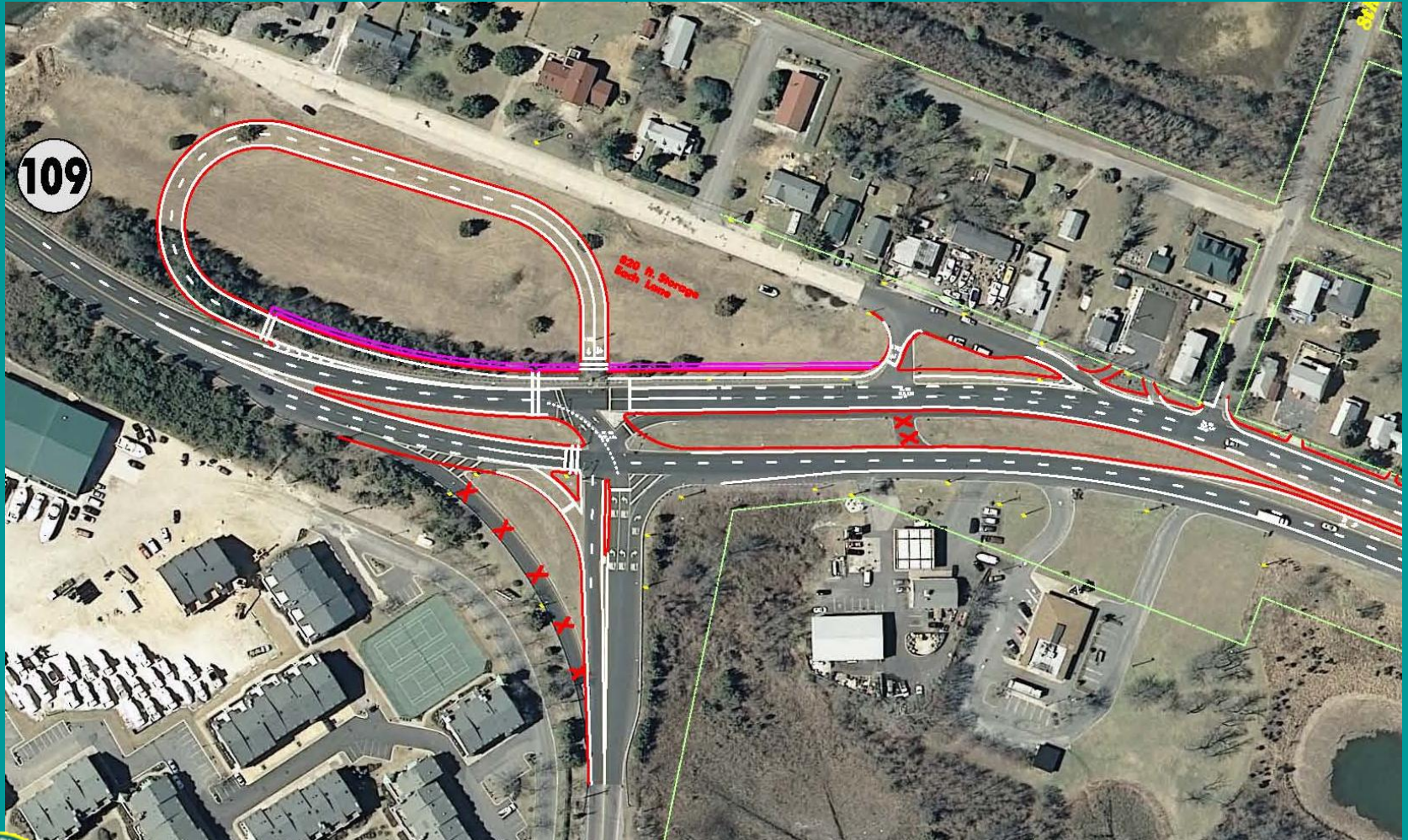


Improvements at Interchange 0 and Route 109

GARDEN STATE PARKWAY

INTERCHANGE 0 IMPROVEMENTS

OPERATIONAL IMPROVEMENTS AT GSP, ROUTE 109 AND OCEAN DRIVE



Improvements at Route 109 and Ocean Drive

NJTA - VMS REPLACEMENT PROGRAM - CAPE MAY CO.

(Northbound at MP 6.03, MP 11.70, MP 17.90, MP 23.90 and MP 27.15)

(Southbound at MP 19.70, MP 13.02 and 5.75)



Initial Sites Operational since June 25, 2011

Systems Anticipated to be Operational - Summer 2013

Complete Construction - December 2013



NJTA - VMS REPLACEMENT PROGRAM - CAPE MAY CO.

(Northbound at MP 6.03, MP 11.70, MP 17.90, MP 23.90 and MP 27.15)

(Southbound at MP 19.70, MP 13.02 and 5.75)



Systems in Operation – October 28, 2012

Garden State Parkway Widening Program

**Interchange 80
Toms River
Ocean County**

**Interchange 30
Somers Point
Atlantic County**

**Phase I
Completed May 2011**

**Phase II
Under Construction
Completion – 4Q 2013**

**Bass River
Under Construction
Completion - 2Q / 2015**

**Mullica River
Under Construction
Completion - 1Q / 2014**

**Phase III
In Final Design
Completion - 2Q / 2017**

**Patcong Creek
Under Construction
Completion - 1Q / 2013**



GSP Widening Program - Phase III

**Interchange 48
Port Republic
Atlantic County**

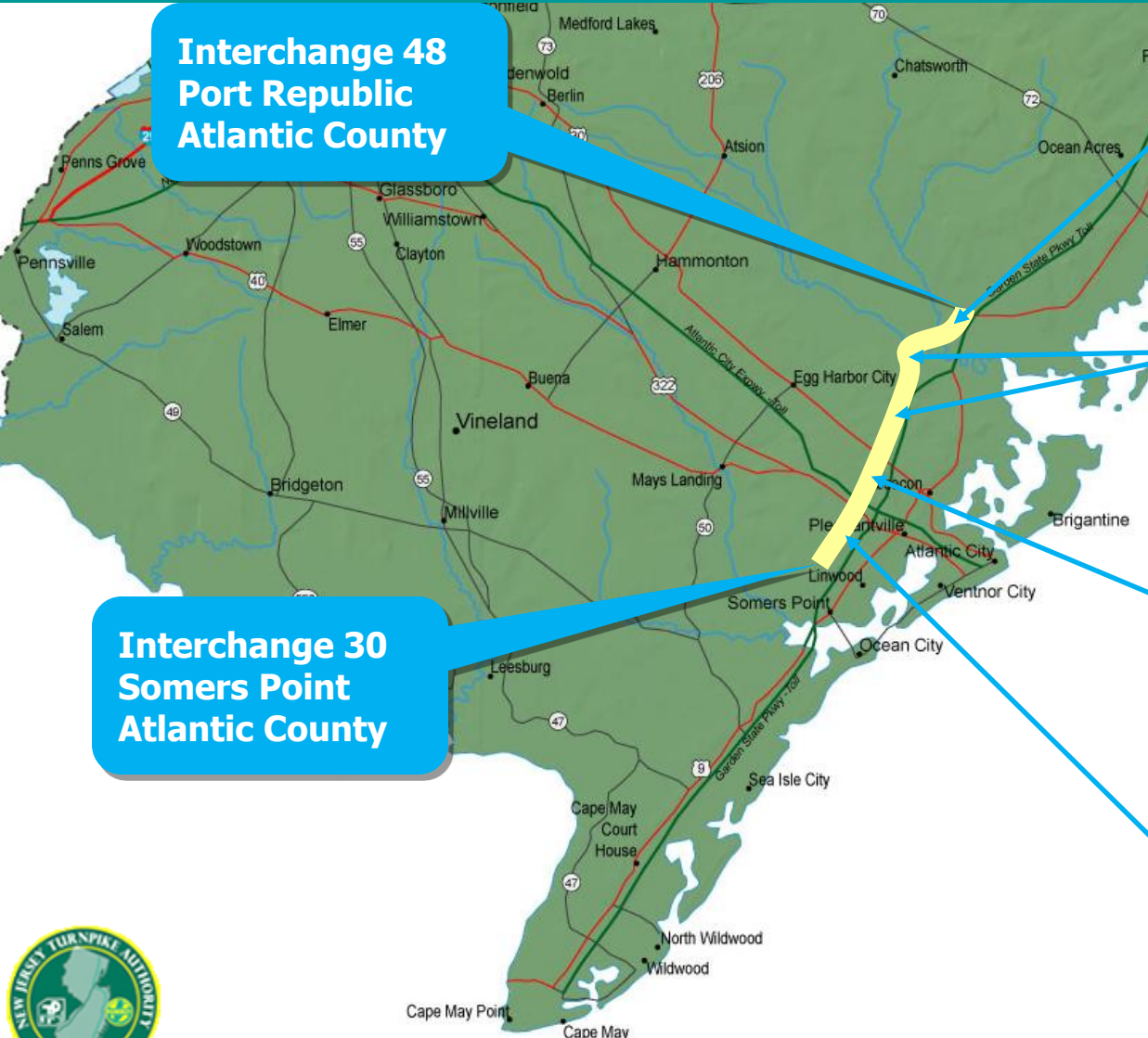
**Contract P200.255
(Milepost 42 to 48)
In Final Design -
Construction Award
2Q 2014**

**Contract P300.225
Int. 41 and 44
Improvements
(Inc. Milepost 41 to 42)
In Final Design -
Construction Award
2Q 2013**

**Contract P200.254
(Milepost 38 to 41)
In Final Design -
Construction Award
3Q 2014**

**Contract P300.253
(Milepost 35 to 38)
Includes Improvements to
Interchanges 36, 37 and 38
In Final Design -
Construction Award
3Q 2014**

**Interchange 30
Somers Point
Atlantic County**



Other Planned Improvement Projects

(2013 – 2018)

- **Miscellaneous Drainage Repairs**
- **Roadway Overhead Signing Improvements**
- **Interchange Improvements (Operational and Safety Improvements)**
- **Installation of Additional VMS Signage and ITS Sites**
- **Upgrade of Maintenance and NJSP Facilities**
- **Upgrade of Authority Owned Buildings and Facilities**
- **Rehabilitation Work for GSP NB Bridge Nos. 28.0N and 28.5N**





Watch the Web for new project information

<http://www.state.nj.us/turnpike/>

